

AUXILIARY MAGNETIC TRIP SYSTEM

Abstract

An auxiliary magnetic trip system for a circuit breaker, the auxiliary magnetic trip system includes a strap configured to conduct a first level of electrical current and a second level of electrical current; a u-shape collar with a first pole face, the u-shape collar disposed around the strap; a trip lever rotatably mounted on an axis; and a holdback system releasably coupled to the trip lever, wherein the holdback system prevents movement of the trip lever at the first level of electrical current and releases the trip lever at the second level of electrical current.

Figures